

IN THE CLAIMS

Please cancel claims 1-5, 8-19, and 22-25.

The complete claim listing is as follows:

1-5. (Cancelled)

1. (Original) A method of analyzing an input signal into a plurality of frequency components comprising:

processing the signal with a first low pass filter to produce a first low pass filtered signal;

subtracting the first low pass filtered signal from the input signal to derive a first frequency component;

processing the signal with a second low pass filter to produce a second low pass filtered signal; and

subtracting the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

*2*  
21. (Original) A method of analyzing an input signal into a plurality of frequency components comprising:

processing the signal with a first low pass filter to produce a first low pass filtered signal;

subtracting the first low pass filtered signal from the input signal to derive a first frequency component;

processing the low pass filtered signal with a second low pass filter to produce a second low pass filtered signal; and

subtracting the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

*A*  
*Cont*  
[ 8-19. (Cancelled)

*3*  
20. (Original) A system for analyzing an input signal into a plurality of frequency components comprising:

a first low pass filter that outputs a first low pass filtered signal;

a first processor configured to subtract the first low pass filtered signal from the input signal to derive a first frequency component;

a second low pass filter that outputs a second low pass filtered signal; and

a second processor configured to subtract the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

*4*  
21. (Original) A system for analyzing an input signal into a plurality of frequency components comprising:

- a first low pass filter that outputs a first low pass filtered signal;
- a first processor configured to subtract the first low pass filtered signal from the input signal to derive a first frequency component;
- a second low pass filter configured to process the low pass filtered signal to produce a second low pass filtered signal; and
- a second processor configured to subtract the second low pass filtered signal from the first low pass filtered signal to derive a second frequency component.

*A*  
*Cont*  
22-25. (Cancelled)